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7	BRS	317	(media with content with select (3) with (music or video)	÷	2003/10/03 15:42			0
ю	BRS	18	((media with content with select\$3) with USPAT; US-PGPUB; EPO; (music or video)) with player	<u> </u>	2003/10/03 15:50			0
4	BRS	80	(((media with content with select\$3) with (music or video)) with player) and search\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/03 15:50			0
5	BRS	2	((((media with content with select\$3) with (music or video)) with player) and search\$3) and sort\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/03 15:51			0
9	BRS	19	"5752244"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 14:47			0
7	BRS	10	"5752244" and button	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 15:18			0
8	BRS	0	("5752244" and button) and music		2003/10/06 15:18			0
9	BRS	2	"5752244" and music	····	2003/10/06 16:49			0
10	BRS	0	"5752244" and playlist	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 17:30			0
11	BRS	36	playlist and "content selection"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/06 17:31			0
12	BRS	22	(playlist and "content selection") and multimedia	USPAT; US-PGPUB; EPO; 2003/10/06 17:31 JPO; DERWENT; IBM TDB	2003/10/06 17:31			0

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Print Format		
	[Abstract] [PDF Full-Text (1080 KB)] IEEE CNF	
	3 Time-lined TCP for the TCP-friendly delivery of strea Mukherjee, B.; Brecht, T.; Network Protocols, 2000. Proceedings. 2000 International C 2000 Page(s): 165 -176	_

4 Multicast distribution and control for streaming multimedia

Weaver, A.C.; Van Dyke, J.W.;

Industrial Electronics Society, 2001. IECON '01. The 27th Annual Conference of the

IEEE , Volume: 3 , 29 Nov.-2 Dec. 2001

[Abstract] [PDF Full-Text (1068 KB)] **IEEE CNF**

Page(s): 1806 -1809 vol.3

[Abstract] [PDF Full-Text (397 KB)] **IEEE CNF**

5 Dynamic multimedia integration with the WWW

Sato, K.; Takada, T.; Aoyagi, S.; Hirotsu, T.; Sugawara, T.; Communications, Computers and Signal Processing, 1999 IEEE Pacific Rim Conference on , 22-24 Aug. 1999

Page(s): 448 -451

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6 Active files: a mechanism for integrating legacy applications into distributed systems

Dasgupta, P.; Itzkovitz, A.; Karamcheti, V.;
Distributed Computing Systems, 2000. Proceedings. 20th International Conference on , 10-13 April 2000
Page(s): 680 -690

[Abstract] [PDF Full-Text (172 KB)] IEEE CNF

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Experiments in social data mining: The TopicShop system Brian Amento, Loren Terveen, Will Hill, Deborah Hix, Robert Schulman March 2003 ACM Transactions on Computer-Human Interaction (TOCHI), Volume 10 Issue 1 Full text available: pdf(377.92 KB) Additional Information: full citation, abstract, references, index terms

Social data mining systems enable people to share opinions and benefit from each other's experience. They do this by mining and redistributing information from computational records of social activity such as Usenet messages, system usage history, citations, or hyperlinks. Some general questions for evaluating such systems are: (1) is the extracted information valuable? and (2) do interfaces based on the information improve user task performance? We report here on TopicShop, a syst ...

Keywords: Cocitation analysis, collaborative filtering, computer-supported cooperative work, information visualization, social filtering, social network analysis

2	Learning the iTunesDB file format Patrick Crosby December 2002 Linux Journal, Volume 2002 Issue 104	-
	Full text available: html(18.68 KB) Additional Information: full citation, abstract, index terms	
	iPods aren't just for people who use computers from Mattel, no wait, Apple. Here's the playlist format. Don't all buy iPods at once, folks.	
3	Flycasting: Using Collaborative Filtering to Generate a Playlist for Online Radio D. Hauver, J. French November 2001 Proceedings of the First International Conference on WER Delivering of	

Full text available: Publisher Site In recent years, the popularity of online radio has exploded. This new entertainment medium affords an opportunitynot available to conventional broadcast radio: theinstantaneous listening audience can be known, or whatis more important, the musical tastes of the current listeningaudience can be known. Thus, it is possible in thenew medium to tailor the playlist in real-time to the musicaltastes of the listening audience. We discuss a

Additional Information: full citation, abstract

method, termed flycasting, for using collaborative filtering tec ...

Music (WEDELMUSIC'01)

<u>Video: An empirical study of realvideo performance across the internet</u> Yubing Wang, Mark Claypool, Zheng Zuo November 2001 Proceedings of the First ACM SIGCOMM Workshop on Internet

Measurement Workshop

Full text available: pdf(4.30 MB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

The tremendous increase in computer power and bandwidth connectivity has fueled the growth of streaming video over the Internet to the desktop. While there have been large scale empirical studies of Internet, Web and multimedia traffic, the performance of popular Internet streaming video technologies and the impact of streaming video on the Internet is still largely unkown. This paper presents analysis from a wide-scale empirical study of RealVideo traffic from several Internet servers to many q ...

	still largely unkown. This paper presents analysis from a wide-scale empirical study of RealVideo traffic from several Internet servers to many g	
5	TopicShop: enhanced support for evaluating and organizing collections of Web sites Brian Amento, Loren Terveen, Will Hill, Deborah Hix November 2000 Proceedings of the 13th annual ACM symposium on User interface software and technology Full text available: pdf(526.36 KB) Additional Information: full citation, references, citings, index terms	
6	A micro-organizational model for supporting knowledge migration F. H. Lochovsky, C. C. Woo, L. J. Williams	
	March 1990 ACM SIGOIS Bulletin , Proceedings of the conference on Office information	
	systems, Volume 11 Issue 2-3 Full text available: pdf(1.02 MB) Additional Information: full citation, abstract, references, citings, index terms	
	One of an organization's assets is the knowledge it has for carrying out its activities in an acceptable way. However, due to the constantly changing environment in which it operates, its knowledge must evolve in order for it to survive and to stay competitive. For this reason, it is inappropriate to hard-code organizational knowledge into a computer-based organizational support system. Supporting the evolution of organizational knowledge, in general, is a very difficult problem because the	
7	Comparative design review: an exercise in parallel design	
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8	Posters: Exploring the role of emotion in the interaction design of digital music players John Zimmerman June 2003 Proceedings of the 2003 international conference on Designing pleasurable products and interfaces	
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	This paper documents students' interaction designs for digital music players that consider both the emotional quality of interaction as well as usability	

Gollaborative Filtering: Specifying preferences based on user history Loren Terveen, Jessica McMackin, Brian Amento, Will Hill

Keywords: affective design, interaction design, music interface

Full text available: pdf(3.74 MB)

April 2002 Proceedings of the SIGCHI conference on Human factors in computing systems: Changing our world, changing ourselves

Full text available: pdf(475.14 KB) Additional Information: full citation, abstract, references

Many applications require users to specify preferences. We support users in this task by letting them define preferences relative to their personal history or that of other users. We implement this idea using a graphical technique called control shadows, which we have implemented on both a desktop computer and on a cell phone with a small, grayscale display. An empirical study compared user performance on the graphical interface and a text table interface with identical functionality. On the des ...

Keywords: collaborative filtering, history, mobile devices, reuse, visualization

10	Demonstrations: Demonstration of a distributed MPEG-7 video search and retrieval	
	application in the educational domain	
	Mark van Setten, Erik Oltmans October 2001 Proceedings of the ninth ACM international conference on Multimedia	
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	This demonstration shows the end-user application of the Video-over-IP (VIP) system. This system encompasses a whole chain of processes for digital video databases, ranging from distributed content production to acquire MPEG-7 metadata (including speech-and video analysis) to the deployment and access to the video database by end users. This system has been developed as an application for the next generation Internet. The end-user application provides distributed search engines, tools to browse	
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11	Personal DJ, an architecture for personalised content delivery	
	Adam Field, Pieter Hartel, Wim Mooij	_
	April 2001 Proceedings of the tenth international conference on World Wide Web	
	Full text available: pdf(223.80 KB) Additional Information: full citation, references, index terms	
	Keywords: moods, personalisation, radio, user evaluation	
12	Domain knowledge and the design process	
	John McDermott	
	June 1981 Proceedings of the eighteenth design automation conference on Design automation	
	Full text available: pdf(695.93 KB) Additional Information: full citation, abstract, references, citings, index terms	
	During the past 10 or 12 years, Artificial Intelligence researchers have explored techniques for bringing large amounts of domain knowledge to bear in solving ill-structured problems. Several programs that make use of these knowledge-based techniques are currently being developed to assist in various design tasks. This paper introduces one technique—rule-based programming—and illustrates its use with two programs, R1 and XSEL, which are used by Digital Equipment Corporation in t	
13	The management of end-user computing: status and directions	
	James C. Brancheau, Carol V. Brown	
	December 1993 ACM Computing Surveys (CSUR), Volume 25 Issue 4	

Additional Information: full citation, abstract, references, citings, index

terms

The development of computing applications by the people who have direct need for them in their work has become commonplace. During the 1980s, development of applications by "end users" accelerated and became a key management and research concern. Known as "end-user computing," the phenomena and research associated with this trend cross a variety of disciplines. This article critically surveys the published literature on end-user computing (EUC) management according t ...

	Keywords : desktop computing, end-user computing, information center, information technology management, personal computing	
14	Comparative design review: an exercise in parallel design (panel) Jakob Nielsen, Randy Kerr, Dan Rosenberg, Gitta Salomon, Heather Desurvire, Rolf Molich, Tom Stewart January 1993 Proceedings of the conference on Human factors in computing systems	
	Full text available: pdf(689.67 KB) Additional Information: full citation, references, index terms	
15	Alternate distribution strategies for digital music G. Prem Premkumar September 2003 Communications of the ACM, Volume 46 Issue 9	
	Full text available: pdf(103.58 KB) Additional Information: full citation, abstract, references, index terms	
	Digitization of music has created opportunities to reengineer the supply chain and improve its efficiency.	
16	Short Papers: Flytrap: intelligent group music recommendation Andrew Crossen, Jay Budzik, Kristian J. Hammond January 2002 Proceedings of the 7th international conference on Intelligent user interfaces Full text available: pdf(204.25 KB) Additional Information: full citation, abstract, references	
	Flytrap is a group music environment that knows its users' musical tastes and can automatically construct a soundtrack that tries to please everyone in the room. The system works by paying attention to what music people listen to on their computers. Users of the system have radio frequency ID badges that let the system know when they are nearby. Using the preference information it has gathered from watching its users, and knowledge of how genres of music interrelate, how artists have influenced	
	Keywords: audio spaces, intelligent environments, ubiquitous computing	
17	Content management for electronic music distribution François Pachet April 2003 Communications of the ACM, Volume 46 Issue 4	
	Full text available: pdf(201.51 KB) Additional Information: full citation, abstract, references, index terms	
	Two approaches to distributing music on the Netthe hard way and the easy waycompete and complement each other in the quest for meaningful musical metadata.	
18	The information furnace: consolidated home control Diomidis D. Spinellis May 2003 Personal and Ubiquitous Computing, Volume 7 Issue 1	
	Full text available: pdf(488.36 KB) Additional Information: full citation, abstract, index terms	



The Information Furnace is a basement-installed PC-type device that integrates existing consumer home-control, infotainment, security and communication technologies to transparently provide accessible and value-added services. A modern home contains a large number of sophisticated devices and technologies. Access to these devices is currently provided through a wide variety of disparate interfaces. As a result, end users face a bewildering array of confusing user-interfaces, access modes a ...

Keywords: Automation, Consumer electronics, Home-control, Multi-modal interfaces

19 Demonstration Descriptions: r	mpME!: music recommendation and exploration
Jared Dunne, Louis Lapat, Marc F Birnbaum	Flury, Mustafa Shabib, Tom Warner, Kris Hammond, Lawrence
	e 7th international conference on Intelligent user
interfaces	
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before and enjoys. mpME! exp information on the Internet su complementary information ab	w music and interweaves old music the listener has heard of coses listeners to new music by using existing music ch as musical artist directories. mpME! also provides cout the artist to educate the user throughout the listening cure intersection algorithm to make recommendations for a found on the web.
Keywords : group and organize systems	zation interfaces, information systems, recommendation
	emi-structured organizational communication
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systems, Volume 11 Is	
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areas of knowledge (e.g., taxa performing organizational task shows that managers and prof communication. To alleviate th	ed environment, organizational workers specialize in different ation). Communication plays a very important role in as that require multiple specializations. In fact, research data ressionals spend about 70-80% of their time in the time organizational workers spend in communication, some be automated. In this paper, we
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1 Learning the iTunesDB file format

Patrick Crosby

December 2002 Linux Journal, Volume 2002 Issue 104

Full text available: html(18.68 KB)

Additional Information: full citation, abstract, index terms

iPods aren't just for people who use computers from Mattel, no wait, Apple. Here's the playlist format. Don't all buy iPods at once, folks.

Flycasting: Using Collaborative Filtering to Generate a Playlist for Online Radio D. Hauver, J. French



November 2001 Proceedings of the First International Conference on WEB Delivering of Music (WEDELMUSIC'01)

Full text available: Publisher Site

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⁵ Posters: Exploring the role of emotion in the interaction design of digital music players
John Zimmerman



June 2003 Proceedings of the 2003 international conference on Designing pleasurable products and interfaces

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6 Collaborative Filtering: Specifying preferences based on user history
Loren Terveen, Jessica McMackin, Brian Amento, Will Hill
April 2002, Presendings of the STCCHT conference on Human factors in



April 2002 Proceedings of the SIGCHI conference on Human factors in computing systems: Changing our world, changing ourselves

Full text available: pdf(475.14 KB) Additional Information: full citation, abstract, references

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Full text available: pdf(223.80 KB) Additional Information: full citation, references, index terms

Keywords: moods, personalisation, radio, user evaluation

8 <u>Demonstrations: Demonstration of a distributed MPEG-7 video search and retrieval application in the educational domain</u>



Mark van Setten, Erik Oltmans

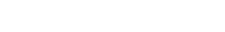
October 2001 Proceedings of the ninth ACM international conference on Multimedia

Full text available: pdf(1.33 MB) Additional Information: full citation, abstract, references

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	Keywords : Automation, Consumer electronics. Home-control. Multi-modal interfaces	



<u>Demonstration Descriptions: mpME!: music recommendation and exploration</u>

Jared Dunne, Louis Lapat, Marc Flury, Mustafa Shabib, Tom Warner, Kris Hammond, Lawrence Birnbaum

January 2002 Proceedings of the 7th international conference on Intelligent user interfaces

Full text available: pdf(171.96 KB) Additional Information: full citation, abstract, references

mpME! introduces users to new music and interweaves old music the listener has heard of before and enjoys. mpME! exposes listeners to new music by using existing music information on the Internet such as musical artist directories. mpME! also provides complementary information about the artist to educate the user throughout the listening experience. MpME! uses a feature intersection algorithm to make recommendations for artists using features of artists found on the web.

Keywords: group and organization interfaces, information systems, recommendation systems

15 Structuring internet media streams with cueing protocols

Jack Brassil, Henning Schulzrinne

August 2002 IEEE/ACM Transactions on Networking (TON), Volume 10 Issue 4

Full text available: pdf(282.39 KB) Additional Information: full citation, abstract, references, index terms

We propose a new, media-independent protocol for including program timing, structure, and identity information in Internet media streams. The protocol uses signaling messages called *cues* to indicate events whose timing is significant to receivers, such as the start or stop time of a media program. We describe the implementation and operation of a prototype Internet radio station which transmits program cues in audio broadcasts using the Real-Time Transport Protocol (RTP). A collection of ...

Keywords: content delivery networks, multimedia signaling, real-time transport protocol (RTP)

16 Representing internet streaming media metadata using MPEG-7 multimedia description schemes

Eric Rehm

November 2000 Proceedings of the 2000 ACM workshops on Multimedia

Full text available: pdf(603.51 KB) Additional Information: full citation, abstract, references, index terms

Singingfish.com uses MPEG-7 description schemes to model the metadata characteristics of Internet streaming media. Further it has used MPEG-7 description schemes as the basis for a number of internal experiments, processes, as well as interchange with commercial content partners. This paper describes our selection of description schemes from the MPEG-7 Multimedia Description Schemes (MDS) Working Drafts, their ability (or lack thereof) to represent Internet streaming media metadata, and our e ...

Keywords: MPEG-7, multimedia, search engine, streaming media

17 <u>Logistics/transportation applications: General topics: a voice assisted simulation-</u> animation architecture

Raymond L. Smith, Stephen D. Roberts

December 2000 Proceedings of the 32nd conference on Winter simulation

Full text available: pdf(382.09 KB) Additional Information: full citation, abstract, references

This paper introduces a software architecture that has been used to enable voice assistance for a simulation-animation environment by integrating technologies that recognize spoken language input and generate spoken language output. Voice assisted technology has several

features which make user navigation within complex software applications easier than traditional methods, such as key-typed commands or mouse manipulation. While this environment might be more friendly to an end user, several cha ...

18 The Little iTunes Book

Bob LeVitus August 2003 Book, Peachpit Press Additional Information: full citation, abstract

From the Publisher:

iTunes still makes it easy to "rip" your favorite CDs into MP3 files, burn custom music CDs, listen to hundreds of Internet radio stations, and turn your Mac into a digital jukebox. But the new version of Apple's free and wildly popular digital music software does even more -- it syncs effortlessly with your iPod or other portable MP3 player, and it lets you share playlists with anyone (even Windows users), listen to audio books, and create Smart Playlists that automati ...

19 The Little iTunes Book

Bob LeVitus November 2002 Book, Peachpit Press Additional Information: <u>full citation</u>, <u>abstract</u>

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iTunes still makes it easy to "rip" your favorite CDs into MP3 files, burn custom music CDs, listen to hundreds of Internet radio stations, and turn your Mac into a digital jukebox. But the new version of Apple's free and wildly popular digital music software does even more -- it syncs effortlessly with your iPod or other portable MP3 player, and it lets you share playlists with anyone (even Windows users), listen to audio books, and create Smart Playlists that automati ...

20 Linux for suits: open source radio

Doc Searls

January 2002 Linux Journal, Volume 2002 Issue 93

Full text available: html(22.25 KB) Additional Information: full citation, abstract, index terms

Open-Source Radio

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